### NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

imagery analysis report

# Enlarged TALL RODS Antenna Identified in Leningrad Military District, USSR (S)

**Secret** 

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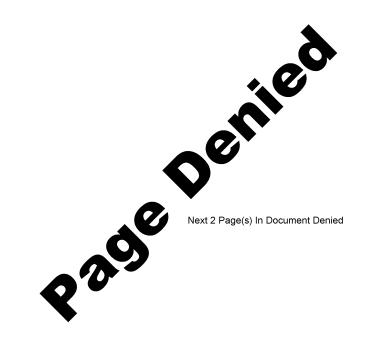
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# ENLARGED TALL RODS ANTENNA IDENTIFIED IN LENINGRAD MILITARY DISTRICT, USSR (S)

1. (S/D) Analysis of satellite imagery of Pechenga Air Warning Radar Facility  Figure 1) in the Leningrad Military District (MD) of the USSR reveals an enlarged TALL RODS direction-finding (DF) antenna. This antenna consists of eight masts, high with spacing between each pair of masts (Figure 2) and an array diameter of meters. An additional mast is centered in the array and is cable connected to an unidentified receiver van with an adjacent truck. A normal TALL RODS system is high with meter spacing between masts, has an array diameter of a ZIL-157 receiver van or an AR-EL-01 van truck.	25X1 25X1 25X1 25X1 25X1 25X1
2. (S/D) This installation contains other modified/unusual intercept equipment. These include the following antennas: one PIE DISH	25 <b>X</b> 1
3. (S/D) In all probability, this enlarged TALL RODS DF antenna in conjunction with the modified intercept antennas and other equipment at Pechenga will greatly increase the effectiveness of the elint capabilities of the Soviet Union in the Leningrad MD against targets in the Scandinavian countries.	
4. (S/D) The only other known locations of the enlarged TALL RODS DF antenna are at Tbilisi Army Barracks Udzharma Southwest AL-13 in the Transcaucasus MD, Liepaja Radio Communications Station in the Baltic MD, Shchelkovo Army Barracks Kaliningrad AL-1 in the Moscow MD, and Torgau DF Facility	25X1 25X1 25X1 25X1
(S) Comments and queries regarding this report are welcome. They may be directed to Warsaw Pact Forces Division, Imagery Exploitation Group, NPIC,	25 <b>X</b> 1 25 <b>X</b> 1

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